



EPIC
TRANSFORMER



www.epictransformer.com

ABOUT

EPIC Transformer, Established in 2022 was born free, a force unleashed into the market with a relentless and unwavering determination to succeed. A spirit charged with energy, creativity and a team with an ambition to become the most admired transformer manufacturing company in the power sector.

The Pillars of strength being the vast business experiences of the promoters, technical expertise of the production unit and usage of the latest tools & techniques available in the market. We emphasize on the fact that quality, reliability and ethical business practices are the common denominators of our product range.

With the state of the art facility and the most modern equipments, EPIC Transformer has a manufacturing capacity upto 300MVA per annum. Our expertise is to design, manufacture, test and maintain the Distribution, Power & Special type Transformer ranging from 63kVA/11kV to 10MVA / 33kV Voltage Class. We are an ISO 9001:2015 Certified Company.

MISSION

To emerge as a trend setter and a preferred partner in the transformer industry offering the most premium quality of transformers through a highly professional team and value driven business associates, thereby creating the highest level of customer satisfaction.

VISION

EPIC Transformer intends to become a leading transformer manufacturing company both at a national and global level, focusing on high standards of product quality, production and testing methods, ethical behaviors, profitability, customer satisfaction and subsequently creating value for its stakeholders.

Testing Facilities

1. Routine Tests
2. Type Tests
3. Special Tests

Routine Tests (To be carried out on all transformers)

1. Measurement of Voltage Ratio
2. Vector Group Verification
3. Measurement of Winding Resistance
4. Measurement of Insulation Resistance(Megger)
5. Power Frequency Withstand Voltage Test (SSVT)
6. Induced Over Voltage Withstand Test (IOVT)
7. Measurement of No-load loss & no-load current
8. Measurement of Load loss & Impedance test

Special Tests

1. Measurement of Zero Phase sequence Impedance test
2. Measurement of Acoustic noise level
3. Measurement of Harmonics of the no-load current
4. Measurement of Capacitance & Tan delta
5. Magnetic Balance Test

Type Tests

These tests are carried out only on one transformer of the rating for design verification or as per customer requirement

1. Lightning Impulse withstands voltage test. (ERDA/CPRI or Third-Party Test Lab)
2. Temperature Rise Test / Heat Run Test.
3. Dynamic Short circuit withstand test (ERDA/CPRI)



Core Coil Assembly (CCA)

- Custom built CCAs upto 10MVA 33kV Voltage Class.
- Step - lap Core Assembly along with combination of Disc/Spiral/Layer/Crossover Winding.
- Pre-processing & Vacuum Packing.
- 100% assurance on the guaranteed parameters & LV measurement tests.



Compact sub-station (CCS) / Package Sub-Station (PPS)

- Capacity upto 2.5MVA 33kV Class & Confirming to IEC 62271-202
- HV & LV Compartment confirming to IP 54 protection class & transformer
- Compartment to IP 21/23 Protection Class
- Oil Cooled & Dry type Transformer along with OCTC/OLTC
- Modular & robust Construction of GI/CRC enclosure with HDG base
- HV upto 33kV system with VCB/RMU & Metering Panel (Optional)
- LV upto 0.433kV System with ACB & MCCB Distribution Board



DISTRIBUTION / MEDIUM POWER TRANSFORMER

- Low loss distribution transformer with OLTC upto 5MVA upto 33kV voltage class
- Medium power transformer up to 7MVA 66kV Class
- BIS Approved Distribution Transformer upto 2500kVA 11kV Class
- Hermetically Sealed / Conservator type Distribution Transformer
- Transformer design adhering to transformer oil as per IS335/IEC 60296 & also Natural/Synthetic Ester Oil



SPECIAL TYPE TRANSFORMERS (Solar / Furnace / K-rated) REACTORS

- Winding Inverter Duty Transformer (IDT) upto 5MVA 33kV Class
- Specifically designed to the thermal characteristic of the inverters
- Galvanically isolated LV Windings to cater individual inverters
- Type - tested Design
- K - rated transformers (K4 - K20) specifically designed to accommodate harmonics as per IEEE Standards C57.110 - 2008

10 REASON..... Why EPIC ?



State of the Art Facility

EPIC has a state of the art facility with the latest equipment and technology, enabling it to enhance its manufacturing capacity of with enough area left for future expansion.



Testing Efficiency

The most ultra modern in-house testing facility along with the latest testing equipments is one of the USP of EPIC. The entire testing bay is epoxy coated highlighting the area and giving it an individual identity. The testing includes the specific tests for the incoming raw materials as well as the end product. All the transformers have to compulsorily pass through the routine tests and quality assurance tests as a standard practice.



Environment Friendly

EPIC focuses to work towards a sustainable future and is dedicated to preserving and protecting the environment through the production of highly energy efficient products. The designing of the transformers is done in a fashion to minimize the noise level, thereby not affecting the surrounded environment.



High Energy Efficiency

EPIC believes in designing its products to be highly energy efficient and subsequently giving its customers a product of unmatched quality and yielding them long term gains directly and indirectly. Also these products have relatively a longer life cycle which is an added incentive to the customer.



Experienced Manpower

EPIC is able to manufacture and maintain quality transformers through the experienced and skilled set of its employee. It has employees with the all expertise and technical competency in various departments who all equally contribute towards the making of the most superior quality of transformers. EPIC considers them as its intangible assets.



Strong Supply Chain

EPIC has a very good credit history to back up its reputation of being a quality transformer manufacturer. The promoters being in business for over four decades have a well-built up supply chain management in the company which consists of reputed manufacturers, suppliers and contractors.



Comprehensive Range of Products

EPIC has a comprehensive range of products in Distribution Transformers, Power Transformers, Earthing Transformers, Solar Transformers, Lighting Transformers, Reactors, CTs & PTs. Designed to provide effective and quality transformers, EPIC can customize a solution to cater every requirement.



Availability of Spares

Ready availability of spares distinguishes EPIC from the competition. It always maintains a minimum level of inventory in its stores in order to not delay the time commitment to the customer as well as supply spares to its customers in the case of emergency to prevent any production or commercial loss to the customer.



Annual Warranty

EPIC offers an on site working warranty for one year with zero breakdown on its transformers. During this warranty, our service team provides full support to maintain the efficient working of the transformer and thereby increasing the life of the transformer. That's how confident EPIC is about the quality and reliability of its product.



After Sales support

EPIC concentrates equally on both sales and after sales service for its transformers. It takes pride in offering its customers with efficient after sales support, including readily available parts along with providing onsite support during any breakdown.

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